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IAP7 Rec'd PCT/PTO 09 JAN 2006

DUPLICATE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bin Liu

Serial No.: 10/532,649

Filed: April 25, 2005

For: CATIONIC WATER-SOLUBLE  
CONJUGATED POLYMERS AND THEIR  
PRECURSORS

Confirmation No.: Unknown

Examiner: Unknown

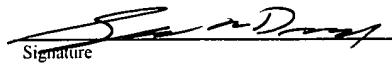
Group Art Unit: Unknown

Attorney Docket No.: 3248-6977US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 4, 2006  
Date

  
Signature

Shawnee MacDonald  
Name (Type/Print)

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

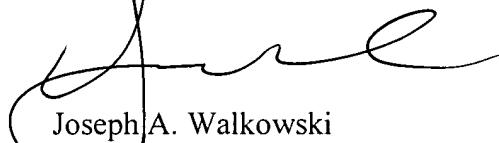
Enclosed is a copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), along with the following required items in connection with the above-referenced application: Copy of Declaration for Patent Application along with a copy of the date stamped postcard showing that the Declaration for Patent Application was received by the Office on October 12, 2005.

This document is being filed within two (2) months from the mailing date of Notification

of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US).

All required fees including the surcharge fees were paid at the time of filing. However, if the amount is insufficient, please debit TraskBritt Deposit Account No. 20-1469 for the remainder of the fee. If the amount is in excess of that required, please credit that deposit account.

Respectfully submitted,



Joseph A. Walkowski  
Registration No. 28,765  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: January 4, 2006  
JAW/slm

Enclosures: Copy of Notification of Missing Requirements  
Copy of Declaration for Patent Application  
Copy of Date Stamped Postcard

Document in ProLaw



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,649	Bin Liu	32489026-6977US (R5/1145)

RECEIVED	INTERNATIONAL APPLICATION NO.
NOV 25 2005	PCT/SG03/00252

Joseph A. Walkowski, Esq.  
 TRASKBRITT  
 230 South 500 East, Suite 300  
 Salt Lake City, UT 84102

TRASKBRITT, P.C.

I.A. FILING DATE	PRIORITY DATE
10/23/2003	10/25/2002

CONFIRMATION NO. 4382  
 371 FORMALITIES LETTER



\*OC000000017467000\*

Date Mailed: 11/21/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/25/2005
- Copy of the International Search Report filed on 04/25/2005
- Copy of IPE Report filed on 04/25/2005
- Copy of Annexes to the IPER filed on 04/25/2005
- Preliminary Amendments filed on 04/25/2005
- Information Disclosure Statements filed on 10/12/2005
- Oath or Declaration filed on 04/25/2005
- U.S. Basic National Fees filed on 04/25/2005
- Substitute Specification filed on 04/25/2005
- Priority Documents filed on 04/25/2005
- Specification filed on 04/25/2005
- Claims filed on 04/25/2005
- Drawings filed on 04/25/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,**

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

---

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,649	PCT/SG03/00252	3026-6977US (R5/1145)

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FORM PCT/DO/EO/905 (371 Formalities Notice)



THE PATENT & TRADEMARK OFFICE MAILROOM DATE  
STAMPED HEREON IS AN ACKNOWLEDGEMENT THAT ON THIS  
DATE THE PATENT & TRADEMARK OFFICE RECEIVED:

**COPY**

Transmittal Form (1 page, in duplicate); Declaration for Patent  
Application (2 pages); Information Disclosure Statement (4 pages); and  
Form PTO/SB/08 (2 pages); with copy of cited non-U.S. Patent references  
(19 documents)

RECEIVED

OCT 21 2005

TRASKBRITT, P.C.

Invention: CATIONIC WATER-SOLUBLE CONJUGATED  
POLYMERS AND THEIR PRECURSORS  
Applicant(s): Bin Liu  
Filing Date: April 25, 2005  
Serial No.: 10/532,649  
Date Sent: October 12, 2005 via first class mail Express Mail  
Docket No.: 3026-6977US No. EL 995992348 US  
JAW/pss:slm 3248-

JC04 Rec'd PCT/PTO 12 OCT 2005

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<b>ORIGIN (POSTAL USE ONLY)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">PO ZIP Code</td> <td style="width: 25%;">Day of Delivery</td> <td colspan="2" style="width: 50%;">Flat Rate Envelope</td> </tr> <tr> <td>5112</td> <td><input type="checkbox"/> Next <input checked="" type="checkbox"/> Second</td> <td colspan="2"><input type="checkbox"/></td> </tr> <tr> <td colspan="2">Date In:</td> <td colspan="2">Postage:</td> </tr> <tr> <td>Mo. Day</td> <td>Year</td> <td><input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM</td> <td>\$</td> </tr> <tr> <td colspan="2">Time In</td> <td colspan="2">Return Receipt Fee</td> </tr> <tr> <td><input type="checkbox"/> AM <input checked="" type="checkbox"/> PM</td> <td></td> <td><input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day</td> <td></td> </tr> <tr> <td>Weight</td> <td colspan="3">Int'l Alpha Country Code</td> </tr> <tr> <td>3 lbs. 5.1 ozs.</td> <td colspan="3">COD Fee Insurance Fee</td> </tr> <tr> <td>No Delivery</td> <td colspan="3">Acceptance Clerk Initials</td> </tr> <tr> <td><input type="checkbox"/> Weekend <input type="checkbox"/> Holiday</td> <td colspan="3">Total Postage &amp; Fees</td> </tr> </table>				PO ZIP Code	Day of Delivery	Flat Rate Envelope		5112	<input type="checkbox"/> Next <input checked="" type="checkbox"/> Second	<input type="checkbox"/>		Date In:		Postage:		Mo. Day	Year	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	\$	Time In		Return Receipt Fee		<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		<input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day		Weight	Int'l Alpha Country Code			3 lbs. 5.1 ozs.	COD Fee Insurance Fee			No Delivery	Acceptance Clerk Initials			<input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Total Postage & Fees		
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Rec'd PCT/PTO 09 JAN 2006

Attorney Docket No. 3026-6977US

DECLARATION FOR PATENT APPLICATION

10/532,649

As an inventor named below or on any attached continuation page, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CATIONIC WATER-SOLUBLE CONJUGATED POLYMERS AND THEIR PRECURSORS, the specification of which (check one):

is attached hereto.

was filed on \_\_\_\_\_ as United States application serial no. \_\_\_\_\_ and was amended on \_\_\_\_\_.

was filed on October 23, 2003, as PCT international application no. PCT/SG2003/000252 (now U.S. Patent Application Serial No. 10/532,649) and was amended under PCT Article 19 on N/A.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and on any attached continuation page and have also identified below and on any attached continuation page any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America having a filing date before that of the application(s) on which priority is claimed.

Prior foreign/PCT application(s):

Priority X	Claimed
Yes	No
Yes	No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of PCT international application(s) designating the United States of America listed below and on any attached continuation page and, insofar as the subject matter of each of the claims of this application is not disclosed in any such prior application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to

Recd PCT/PTO 09 JAN 2006

Attorney Docket No. 3026-6977US

10/532649

**DECLARATION FOR PATENT APPLICATION**  
(continuation page)

Invention Title: CATIONIC WATER-SOLUBLE CONJUGATED POLYMERS AND THEIR PRECURSORS

patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of such prior application and the national or PCT international filing date of this application:

(application serial no.)	(filing date)	(status-pending, patented or abandoned)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

(provisional application no.)	(filing date)

Address all correspondence to: Joseph A. Walkowski, telephone no. (801) 532-1922, at the address associated with Customer Number 24247, as follows:

**TRASKBRITT, PC  
P.O. Box 2550  
Salt Lake City, Utah 84110**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Bin LIU

Inventor's signature bin Date 9/26/05

Residence: Goleta, CA

Citizenship: China

Post Office Address: 6735 Abrego Road, Apt 41, Goleta, CA 93117, USA